

Applicant: LEE *et al.*
Serial No: 10/706,050
Filing Date: November 13, 2003
Page: 2 of 14

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application.

1. **(Currently Amended)** A display apparatus selectively operated in a first mode and a second mode, said display apparatus comprising:

a display panel having a viewer side and a back side, said viewer side having a first area and a second area, in response to an image signal, said first area and said second area capable of displaying variable data on said viewer side;

a first light source for illuminating said first area from said back side; and

a second light source for illuminating said second area from said back side;

wherein said first area and said second area are illuminated with substantially same brightness by said first light source and said second light source simultaneously to make said first area and said second area having substantially same visually brightness on the viewer side when said display apparatus is operated in said first mode;

wherein said second light source is driven to a lower brightness level to make said second area visually darker than said first area on the viewer side when said display apparatus is operated in said second mode for conserving power of said display apparatus.

2. **(Previously Presented)** The display apparatus of claim 1, wherein said first light source and said second light source are both turned on when said display apparatus is operated in said first mode.

3. **(Previously Presented)** The display apparatus of claim 1, wherein said first light source is turned on and said second light source is turned off when said display apparatus is operated in said second mode.

4. **(Withdrawn)** The display apparatus of claim 1, wherein said first state is an ON state of a first brightness level, and said second state is an ON state of a second brightness level, said first brightness level is different from said second brightness level.

Applicant: LEE *et al.*
Serial No: 10/706,050
Filing Date: November 13, 2003
Page: 3 of 14

5. **(Withdrawn)** The display apparatus of claim 1, wherein said third state is an ON state of a third brightness level, and said fourth state is an ON state of a fourth brightness level, said third brightness level is different from said fourth brightness level.
6. **(Original)** The display apparatus of claim 1, further comprising a first light guide plate for reflecting and scattering light provided by said first light source so that light uniformly illuminates said first area.
7. **(Original)** The display apparatus of claim 6, wherein said first light guide plate further comprises a light guide structure for reflecting light provided by said first light source to said first area.
8. **(Currently Amended)** The display apparatus of claim 4~~7~~, further comprising a second light guide plate for reflecting and scattering light provided by said second light source so that light uniformly illuminates said second area, wherein the first light guide plate and the second light guide plate are disposed side by side at the back side of the display panel.
9. **(Currently Amended)** The display apparatus of claim 8, wherein said second light guide plate further comprises grooves for guiding the light from the second light source away from said first light guide plate ~~a groove surface for reflecting light provided by said second light source to said second area.~~
10. **(Cancelled)**
11. **(Currently Amended)** A display system, comprising:
an electronic device selectively operated in a first mode and a second mode;
a display panel having a viewer side and a back side, said viewer side having a first area and a second area, in response to an image signal, said first area and said second area capable of displaying variable data on said viewer side;

Applicant: LEE *et al.*
Serial No: 10/706,050
Filing Date: November 13, 2003
Page: 4 of 14

a first light source for illuminating said first area from said back side;
a second light source for illuminating said second area from said back side; and
a processor for controlling said first light source and said second light source
according to modes of said electronic device;
wherein said first light source and said second light source are driven to illuminate
said first area and said second area simultaneously and to make said first area and said second
area have substantially same visually brightness as each other when said electronic device is
operated in said first mode, so that data for said first area and data for said second area are
illuminated on said viewer side at the same time;
wherein said second light source is driven to generate light with lower brightness than
said first light source to make said second area visually darker than said first area on the
viewer side when said electronic device is operated in said second mode for conserving power
of said display system.

12. **(Previously Presented)** The display system of claim 11, wherein said first light
source and said second light source are both turned on when said electronic device is operated
in said first mode.

13. **(Previously Presented)** The display system of claim 11, wherein said first light
source is turned on and said second light source is turned off when said electronic device is
operated in said second mode.

14. **(Withdrawn)** The display system of claim 11, wherein said first state is an
ON state of a first brightness level, and said second state is an ON state of a second brightness
level, said first brightness level is different from said second brightness level.

15. **(Withdrawn)** The display system of claim 11, wherein said third state is an ON state
of a third brightness level, and said fourth state is an ON state of a fourth brightness level,
said third brightness level is different from said fourth brightness level.

Applicant: LEE *et al.*
Serial No: 10/706,050
Filing Date: November 13, 2003
Page: 5 of 14

16. **(Original)** The display system of claim 11, further comprising a first light guide plate for reflecting and scattering light provided by said first light source, so that light uniformly illuminates said first area.

17. **(Currently Amended)** The display system of claim 16, wherein said first light guide plate further comprises a light guide structure for reflecting light provided by said first light source to said first area and away from said second area.

18. **(Original)** The display system of claim 11, further comprising a second light guide plate for reflecting and scattering light provided by said second light source, so that light uniformly illuminates said second area.

19. **(Original)** The display system of claim 18, wherein said second light guide plate further comprises a groove surface for reflecting light provided by said second light source to said second area.

20. **(Withdrawn)** A light guide plate for use with a display apparatus, said display apparatus having a panel with a first display area and a second display area, comprising:
a first light guide region corresponding to said first display area and having a light guide structure; and

a second light guide region corresponding to said second display area and being adjacent to said first light guide region;

wherein said light guide structure guides light toward said first area and away from said second area.

21. **(Currently Amended)** A mobile device selectively operated in a first mode and a second mode, said mobile device comprising:

a display panel having a viewer side and a back side, said viewer side having a first area and a second area, in response to an image signal, said first area and said second area capable of displaying variable data on said viewer side;

Applicant: LEE *et al.*
Serial No: 10/706,050
Filing Date: November 13, 2003
Page: 6 of 14

a first light source for illuminating said first area on said viewer side;
a second light source for illuminating said second area from said back side; and
a processor for controlling said first light source and said second light source
according to modes of said mobile device;

wherein said first light source and said second light source are driven to illuminate
said first area and said second area simultaneously and to make said first area and said second
area have substantially same visually brightness as each other when said electronic device is
operated in said first mode, so that data for said first area and data for said second area are
illuminated on said viewer side at the same time;

wherein said second light source is driven to generate light with lower brightness than
said first light source to make said second area visually darker than said first area on the
viewer side when said electronic device is operated in said second mode for conserving power
of said mobile device.

22. **(Previously Presented)** The mobile device of claim 21, wherein said mobile device
comprises a mobile phone, a personal digital assistance, or a digital camera.

23. **(New)** The display apparatus of claim 9, wherein the first light guide plate and the
second light guide plate are two separate units or are integrated into one.